

MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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NO OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR NUMBER OF ABANDONED WELLS ON LEASE NO OF WELLS		FA FA	EDERICKTOU	W, MÓ 636	645 331	ROTI	ARY (AIR)	ON PER	ZMIT
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the undersigned, state that I am the Assistant Vice - President of the Pease Bros Dr.G. Co. Too Company), and that I am authorized by said company to make this report, and that this report was prepared under my superind direction and that the facts stated therein are true, correct, and complete to the best of my knowledge. CHATURE BREAMCETT DATE BROS DRG. Co. Too Company), and that I am authorized by said company to make this report, and that this report was prepared under my superind direction and that the facts stated therein are true, correct, and complete to the best of my knowledge. DATE BROS DRG. Co. Too Company of the Date of the Description of the Bross Required in this report was prepared under my superind direction and that the facts stated therein are true, correct, and complete to the best of my knowledge. BROS DRG. Co. Too Company of the Date of the D		NG PROGRAM			APPROVED	CASING	G - TO BE FIL	LED IN BY STA	TE GEOLOGIST
the undersigned, state that I am the Assistant Vice-President of the Pease Bros Drg. Co. Toxompany), and that I am authorized by said company to make this report, and that this report was prepared under my superind direction and that the facts stated therein are true, correct, and complete to the best of my knowledge. DATE B. B. BLANCETT B. B. BLANCETT B. E. BROS DRG. Co. Tox B. E. BROS DRG. Co. Tox B. E. BROS DRG. Co. Tox B. BR	TO A STATE OF THE PARTY OF THE			CEM.		Г	SIZE	WT/FT	CEM.
the undersigned, state that I am the ASSISTANT VICE-PRESIDENT of the PENSE BROS DRG. Co. Tox company), and that I am authorized by said company to make this report, and that this report was prepared under my superind direction and that the facts stated therein are true, correct, and complete to the best of my knowledge. CHATTER BROWNERS AND		11/11					11	1	
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B. E. BLANCE TT B. E. LOGS REQUIRED IF RUN DRILL STEM TEST INFO. REQUIRED IF RUN D	ompany), and i	nat I am autho	orized by said cor	npany to make	this report, a	and that	this report wa	as prepared un	der my supervision
B. E. BLANCETT B. E. BLANCETT DRILLER'S LOG REQUIRED CORE ANALYSIS REQUIRED SAMPLES REQUIRED SAMPLES REQUIRED WATER SAMPLES REQUIRED AT WATER SAMPLES REQUIRED PROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE. of the at an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be something the council representative. SEP 0 1 1993		inat the facts	stated therein are	e true, correct,	and complet	e to the	best of my kn	owledge.	
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This form by presence of a permit, number and signature of authorized council representative. SEP 0 1 1993	at an approved	drilling perm	nit has been obta	ined by the ou	wner of this	well C	Council approx	val of this no	Company confirm
	tills form by pr	resence of a pe	ermit number and	signature of au	thorized cou	ıncil rep	presentative.S	EP 0 1 199	3
	LLER'S SIGNATURE								×
780 0211 (2-88) REMIT TWO COPIES TO: MISSOURI OIL AND GAS COUNCIL, P.O. BOX 250, AND MOSEURE CAS COUNCIL							· · · · · ·	100	The same



MO 780-0215 (1-86)

MISSOURI DEPARTMENT OF NATURAL RESOURCES MISSOURI OIL AND GAS COUNCIL WELL COMPLETION OF RECONS

/ELL	COMPL	ETION	OR	RECOMPL	ETION	REPORT	AND	WELL LOG	
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7:31	ORKOVER DEEPE		INJECTION	Пелип	DESERVOI	B □ DIEEE	RENT RESERVOI	в 🗆 с	DIL GAS DRY
NEW WELL UW	ORKOVER LI DEEPEI	N PLUG BACK	INJECTION	ADDRESS	HESERVOI	N LI DIFFER	NEW MESERVOI		
OWNER	.=== D=	IND CO T	10		× 551	FRENE	לומדעמום	11 41	0 63645
LEASE NAME	THERS DRIL	LING CO., I	NC,	WELL NUMB	IER /	IKEDE	KICKICUI	0,001	0 00010
	11111 E7	-10×		-3.	_				
LOCATION	MAHON, ET	un.	NV FI	24 Capaban			RANGE OR BLOCK		
NE/4 SF	14				73 V	5, 1431	V, RBW, C	ASS	CO. MO
NE/4 SE	PERMIT NU	JMBER (OGC-3 OR-OGC-8	1) 2051	08			by PLEA	SE 11	DERMIT.
CASS	OGC.	JMBER (OGC-3 O R OGC 3 3 (DEVELOPM) ALDEPTH REACHED	ENTAL U	ELL API	P, VIA	TAX 1/30	RKR, RT, OR Gr.)		TION OF CASING HD.
DATE SPUDDED	0,				0	FEET /	, RKH, HT, OH GI.)	FLANG	
8/05/93 TOTAL DEPTH	0/	KTOTAL DEPTH	PRODUCE OR	29/93		760	(TOPO)		FEE
TOTAL DEPTH	PLUG BAC	NA							
PRODUCING OR INJECT	ION INTERVAL(S) FOR TH	IS COMPLETION		ROTARY TO	OLS USED (INTERVAL)	n(325')	CABLE	TOOLS USED (INTERVAL)
284'	TO 384			DRILLING FL	UID USED A	AIR VI	pater	/	NA
WAS THIS WELL DIRECT	IONALLY WAS DIRECT	CTIONAL SURVEY MADE?		WAS COPY C	OF DIRECTIO	ONAL SURVEY F	FILED?	DATEF	ILED.
DRILLED?	9	NA			10	1/A		DATEF	THED ,
_	R OTHER LOGS RUN (LIST		TATE GEOLOG	GIST)				9/20/03	
GAMMA	KAU-NEU	TRON	212111	20000				110	20/1-
		· · · · · · · · · · · · · · · · · · ·		RECORD	Name and Address of the Owner, where the Owner, while the	NG FTC)			
	L STRINGS SET IN WE		WEIGH	T (LB. FT)	DEP	TH SET	SACKS CEME	NT	AMOUNT PULLED
PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGHT	1 (25.11)					
C	95/	7"	19	LB.	50	204"	5		NIL
SURF	1/8	1111		THE PLAN		,	S AFET		
PROD. CSG	6/4	4/2	10.	518.	32	0	52		NL
7,100. (00			1 1		-				
						- 1	INER RECORD		
C17E .	TUBING RECO	CKER SET AT SIZE		ТОР		воттом	SACKS CE	MENT	SCREEN
23/N IN.	290 FEET	FEET	INCH		FEET		FEET		FEET
a/0 114.	PERFORATION R				ACID, S	HOT, FRACT	URE, CEMENT SC	QUEEZE	RECORD
				AM	MOUNT AN	D KIND OF		DEPT	H INTERVAL
NUMBER PER FEET	SIZE AND TYPE	DEPTH INTER	IVAL		MATERIA		1 (15.0)		
	1 4			75	254	780 10	20 (25 BA	41 Jeo - U-	304
Z	3-1/2 DML-45C	284-30		3300L	BSANZ	D +8-1	7	0 /	20 /
	10			1006	N. 15	7414	id 28	4-3	04
			INITIAL D	RODUCTION		OTICET	14 78		
	TION OR INJECTION	PRODUCING METHOD (I	NDICATE IE EI	OWING, GAS	LIFT, QR PL	JMPING — IF PL	JMPING, SHOW SIZ	E AND T	YPE OF PUMP.
DATE OF FIRST PRODUC		Proposition (116	41_	1/2"	Pump			
	IRS TESTED CHOKE SIZ	OIL PRODUCED	DURING	GAS PRODU	ICED DURIN	G TEST	WATER PRODUCE	D DURIN	G OIL GRAVITY
9/08/93	24 NC	TEST	bbls.			4 MCF	TEST /O	bl	bis. 33. API (CORR
TUBING PRESSURE	CASING PRESSURE	CAL'TED RATE OF PROD		OIL	G	AS	WATER		GAS OIL RATIO
NIL	ItSTM.	PER 24 HOURS	LS	24	bbls.	4 MCF	(0 b	bis. 166-1
DISPOSITION OF GAS (S	TATE WHETHER VENTED.	USED FOR FUEL OR SOLI	D)	- N					
1/ENTED									
METHOD OF DISPOSAL	OF MUD PIT CONTENTS			6	2 0		, ~ 7	~ //	Topcark
CUTTINGS	NLY IN PIT-	No Addit	UES -	10 0	EDI	DERFIL	450 WC	M	TOPSOIL OF TH
CERTIFICATE: I, THE	INDERSIGNED, STATE TH	AT I AM THE ASSI	STANT						
YENSE DR	OTHERS WRI	LLING CO. I	C COMPA	NY, AND THAT	T I AM AUTH	IORIZED BY SA	ID COMPANY TO M	TO THE	REST OF MY KNOWLEDGE
REPORT WAS PREPARED	D UNDER MY SUPERVISIO		HAT THE FACT	S STATED TH	HEREIN ARE	TRUE, CORREC	OT AND COMPLETE	TOTHE	BEST OF ATT KITOTTEE BOX
DATE	1	SIGNATURE							
9/2	8/93	0	9 1	Sleen	- V	+			
///	//	(A).	-	Aces	Cell				. (Rev. 1-8

INSTRUCTIONS: ATTACH DRILLERS LOG OR OTHER ACCEPTABLE LOG OF WELL.

* SHOW ALL IMPORTANT ZONES OF POROSITY, DETAIL OF ALL CORES, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES.

	T	T	
FORMATION	ТОР	воттом	DESCRIPTION (SEE * ABOVE)
	0	12	CLAY + SHALE, SANDY, CALCAREOUS
	12	3 5-	CLAY + SHALE, SANDY, CALCAREDAS
	35	40	Linestone
	40	5-4	SHALE
	54	86	Linestone
	86	96	LIMESTONE
	96	114	SHALE
	114	122	LIMESTONE
	122	130	그를 보고 있다. 그리고 있는 것이 모든 이 이번에 그렇게 되는 것이 되는 생활이 되어 되었다. 그리고 생활이 되었다. 그리고 있습니다. 그리고 있는데 그리고 있다.
	130	133	SHALE
	133	137	LIMESTONE SANG SHALL
	137	238	SHALE Shows PURITE, SANDY SHALE
	238	254	2, LTS to DE, some sincy
	254	274	SHALE, GRAY TO BLUE-GRAY
	274	278	SHALE DARK GRAY TO BLACK, SUS AT COAL SUDW.
	278	282	SAUD STOWE CALCARENS SAAVY
	282	306	SANDS YONE, CALCUREOUS, WITH Shaly SANDSTONE STRIATIONS
			Good oil Show 287-288- F) WORESCENCE 40
			(
			600 014 5004) 27-24
			Good ou Show 297-304 - "
	306	325	Good our Show 297-304 - " " SHALE, GREY TO DARK GREY
		TI	325-
	CONTRACTOR OF THE PARTY OF THE		
			DECTION
			REC_1 0CT 04 1993
			OCT 04 1993
			MO Oil & Gas Council
			7710 Oli a Gas coulicii



WELL REFERENCE TIES IN THE NE4SE4 5-43-33 IN CASS COUNTY MISSOURI.

SHEET 1 OF 2

FOR: PENSE BROTHERS DRILLING CO. INC.

ADRIAN MO 64720

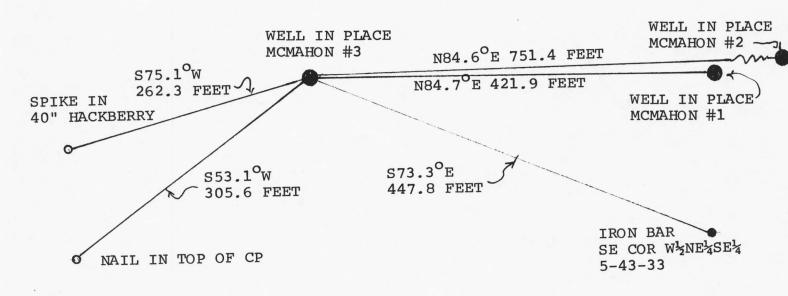
816-297-4433

1"=100'

MAG BRGS 8° EAST DECL

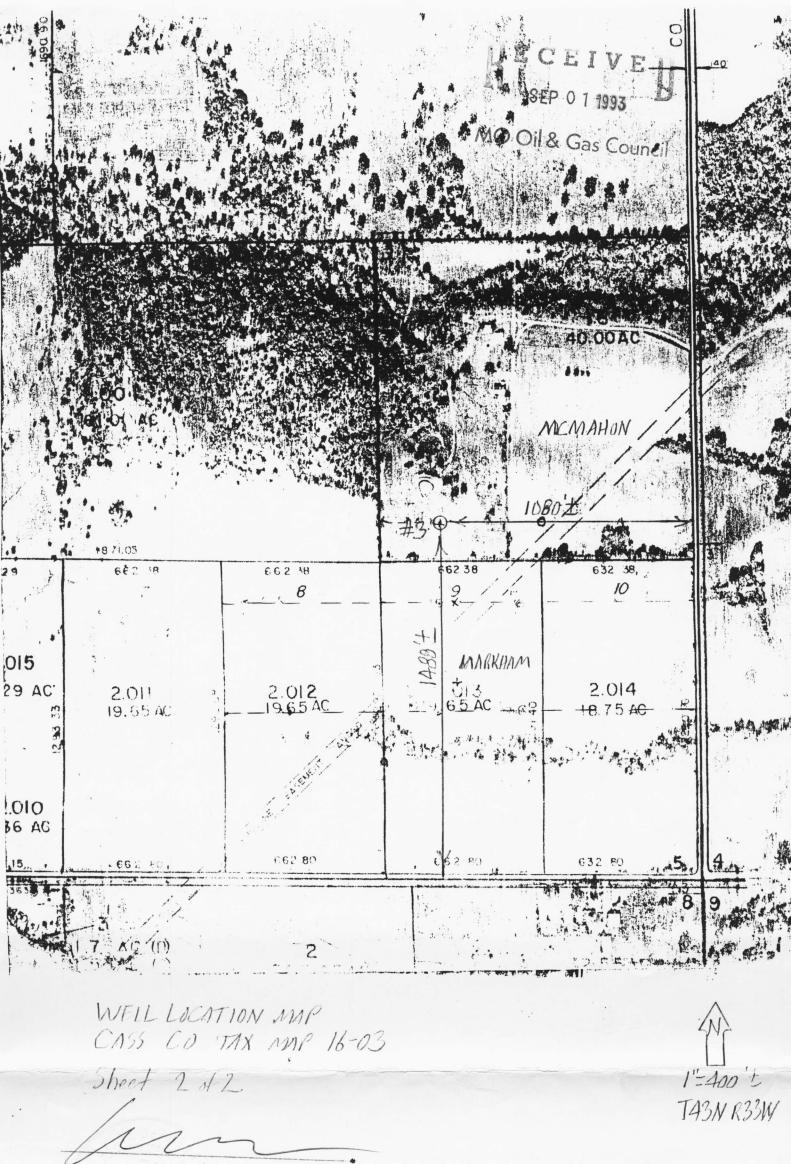
THIS IS TO CERTIFY THE REFERENCE TIES SHOWN ARE IN ACCORDANCE WITH CURRENT MINIMUM STANDARDS.

WILLIAM C. LETHCHO LS-1539 8-72-93





MO Oil & Gas Council



8-2293